Ver 1.0

Robot Cleaner

ME770 Style

User Manual

ME770 Style
(MR6803VM)

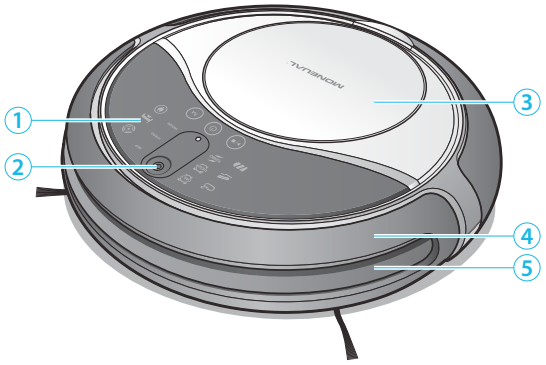
Thank you for purchasing the ME770 Style robot cleaner.
Before using the product, please read this User Manual carefully, and keep it for future reference.
Depending on your model, some contents of this User Manual may differ from the actual product.
The contents of this User Manual are subject to change without notice.

MONEUAL®

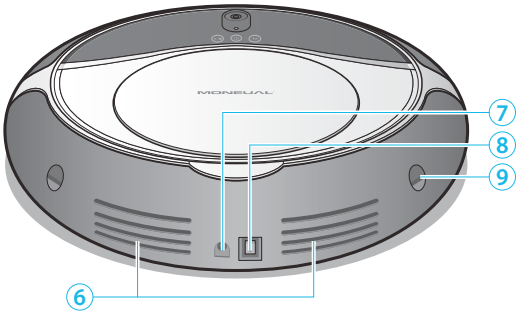
Overview

Robot Cleaner

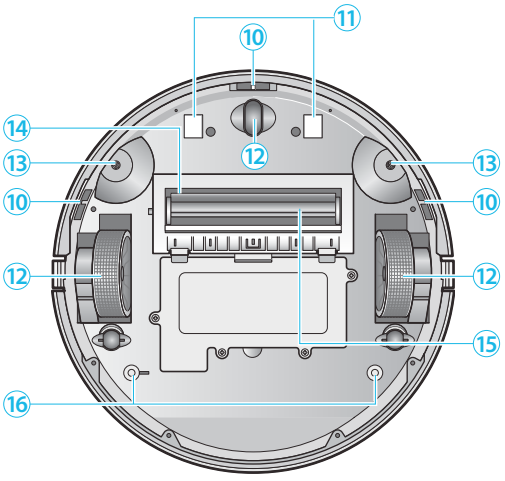
| Top |



| Rear |

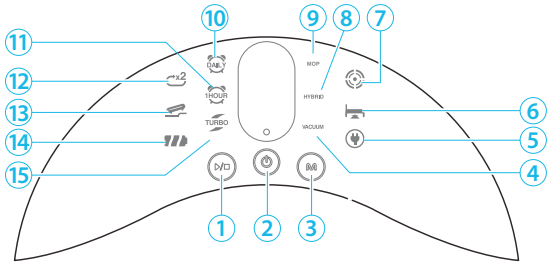


| Bottom |



1. Control buttons and indicators
2. Camera
3. Dust Bin Cover
4. Bumper
5. Obstacle and signal detection sensors
6. Air outlet
7. Adaptor jack
8. Power switch
9. Signal receiving sensor
10. Cliff detection sensors
11. Charging terminals
12. Wheels
13. Side brush installation pins
14. Dust inlet
15. Main brush
16. Mop plate installation holes

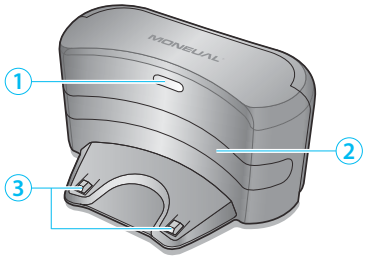
Control Buttons and Indicators



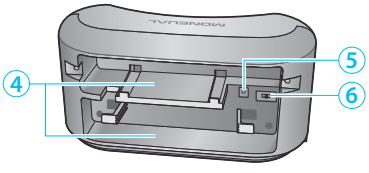
1. Start/stop button
2. Power button
3. Cleaning mode selection button
4. Vacuum Cleaning mode indicator
5. Charging mode indicator
6. Shadow Cleaning mode indicator
7. Intensive Cleaning mode indicator
8. Hybrid Cleaning mode indicator
9. Mop Cleaning mode indicator
10. Timer (every day) indicator
11. Timer (1 hour) indicator
12. Double Cleaning Option indicator
13. Threshold Option indicator
14. Battery level indicator
15. Turbo mode indicator

Charger

| Front |



| Back |

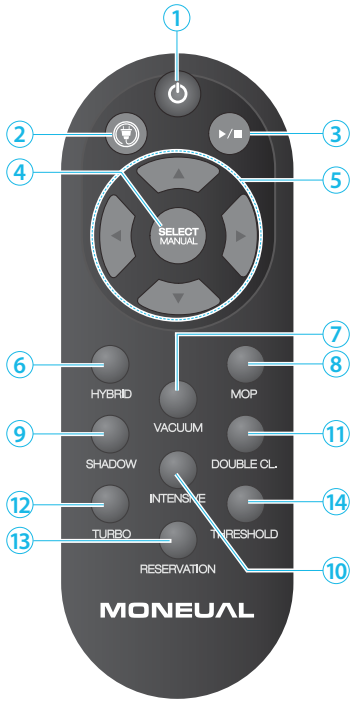


1. Power/charging lamp
2. Guide signal transmission sensor
3. Charging terminals
4. Adaptor holder
5. Adaptor jack
6. Sensor's signal distance selection switch

Remote Control

You can conveniently access the various functions of the robot cleaner with your remote control.

- Functions that can be controlled through the control panel on the robot cleaner: vacuum cleaning, hybrid cleaning, mop cleaning, shadow cleaning, intense cleaning and charging.
- Functions that can be controlled through the remote control: vacuum cleaning, hybrid cleaning, mop cleaning, shadow cleaning, intense cleaning, manual cleaning, charging, control suction power, scheduled cleaning.



① **Power Button**
- Press to turn the power on/off.
- Press to return the ME770 Style to operation mode when it has stopped due to failure.

② **Charging Button** • Press to move robot cleaner to charger

③ **Start/Stop Button**
- Press to start the selected operation
- Press to start/stop cleaning and driving

④ **SELECT/MANUAL Button**
- Press to confirm your selection.
- Press to start Manual Cleaning (see page 31).

⑤ **Direction buttons** • Press to drive the robot cleaner in manual mode (forward, backward, left, and right).

⑥ **Hybrid Cleaning Button** • Press to start Hybrid Cleaning (see page 25). (Mop + Vacuum)

⑦ **Vacuum Cleaning Button** • Press to start Vacuum Cleaning (see page 26). (Vacuum only)

⑧ **Mop Cleaning Button** • Press to start Mop Cleaning (see page 27). (Mop only)

⑨ **Shadow Cleaning Button** • Press to start under furniture cleaning (see page 30).

⑩ **Intensive Cleaning Button** • Press to start Intensive Cleaning (see page 29).

⑪ **Double CL. Button** • Press to select Double Deep Cleaning Option (see page 34).

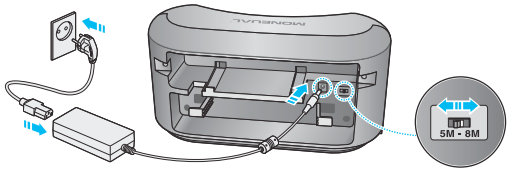
⑫ **Turbo Option Button** • Press to select Turbo Option (see page 33).

⑬ **Reservation Cleaning Button** • Press to set the timer (see page 32).

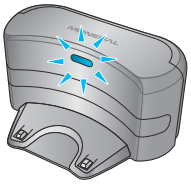
⑭ **Treshold Option Button** • Press to select Treshold Option (see page 33).

Installing the Charger

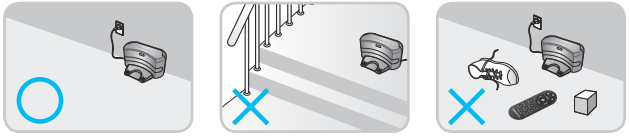
1
- Connect the power adaptor.
- Set the robot cleaner detection distance (5 m or 8 m).
- Place the power adaptor in the holder of the charger.

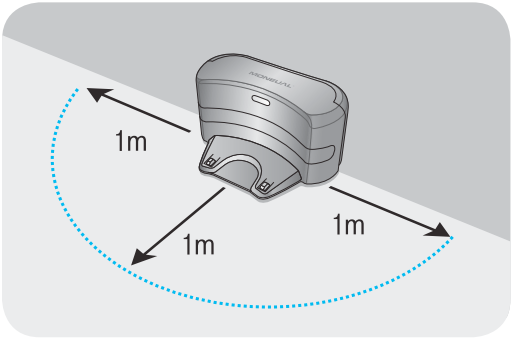


2
- Check the power connection (blue lamp).



3
- Check the location of the charger.
  - Clear all obstacles in the area within 1 m in front, left, and right of the charger.



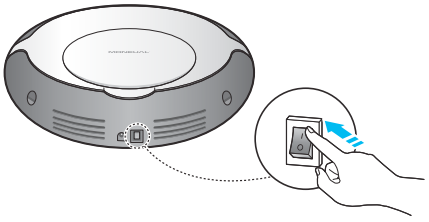


- **If you install the robot cleaner in a place where it will be exposed to direct sunlight, the heat of the sun may interfere with the auto charging, and the robot cleaner may become discolored over time.**
- **If your robot cleaner can't return to the charger, reset the detection distance.**
  - In a narrow area, set it to 5 m, and in a wide area, set it to 8 m.
  - If you set the detection distance to 8 m in a narrow area, the auto charging may be interfered with.

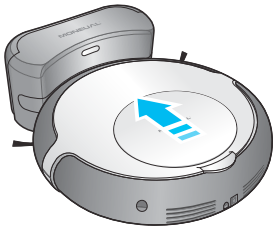
Charging

If you have prepared the charger, main body, and remote control, you must then charge the battery of the robot cleaner to use it. To charge the robot cleaner, follow these steps:

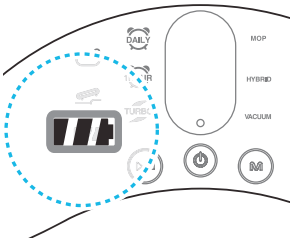
1 • Turn the power switch on.



2 • Hold the robot cleaner with both hands and put it on the charger.
- Match the terminals of the robot cleaner with the terminals of the charger.
- Put the robot cleaner in the front center of the charger and push the robot cleaner toward the charger slowly until the status indicator turns red.

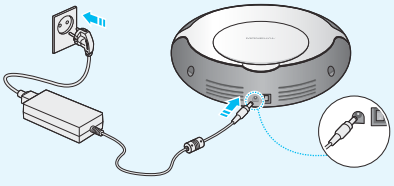


3 • Use the robot cleaner after charging.
- It takes about 1 hour to charge the battery fully. (For 2800mAh battery models, it takes about 2 hours.)
- After charging for 1 hour, you can use the robot cleaner in normal suction mode for about 1 hour. (Depending on conditions, the battery usage time may vary.)



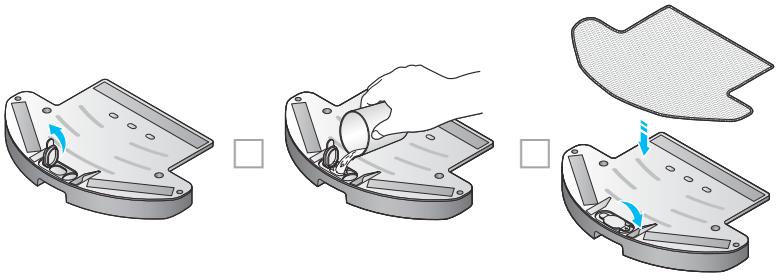
Battery status indicator	Charging	Blinking every second
	Charging completed	On
	Low battery	Blinking 4 times every second

▸ **You can charge the robot cleaner using connecting the power adaptor directly to the power jack on the lower-rear side of the robot cleaner.**

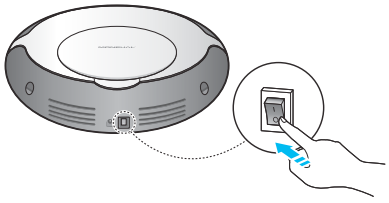


Installing the Water Supply Big Mop Kit

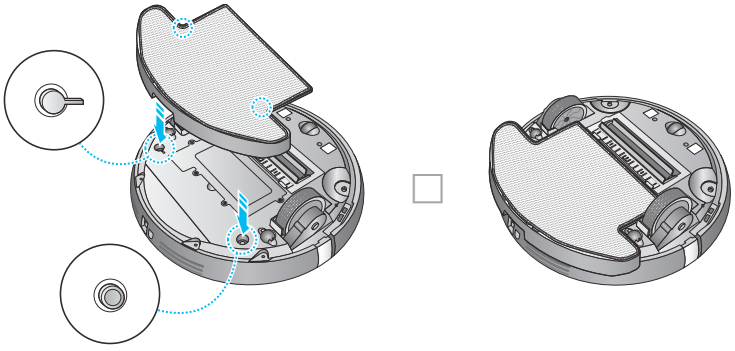
1 • Supply water into the mop plate and attach the mop to it.



2 • Turn the power switch off (on the lower rear side of the robot cleaner).

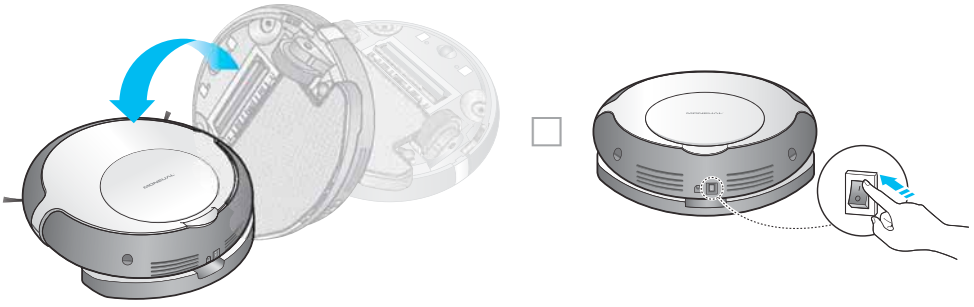


3 • Attach the mop plate.
Fit the joint parts well to the holes of the robot cleaner.

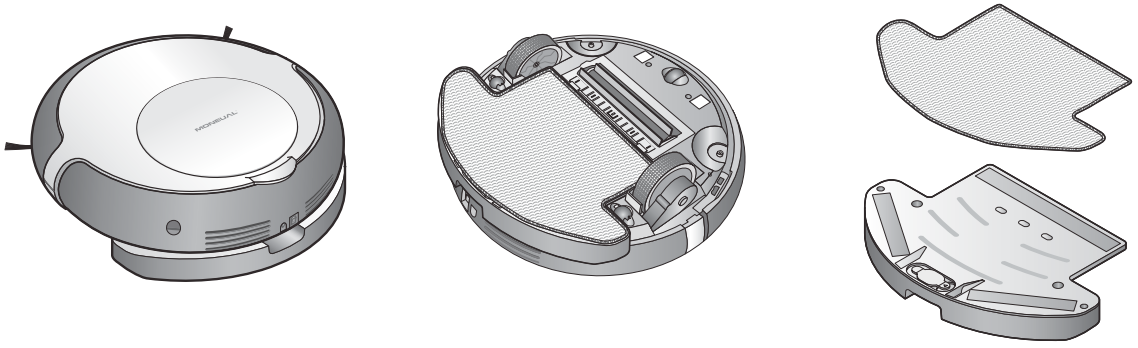


⚠ ▸ **If you apply excessive force to the mop plate when you install it on the robot cleaner, the joint parts of the mop plate may be damaged.**

4 • Flip it over and turn the system power switch on.



Big Mop Recommendation



- ME770 Style's specially designed Big Mop can be rewashed and reused.
- Dampen the Big Mop before attaching it to the water Tank.
- Make sure the Big Mop is not excessively wet to avoid the wheels from slipping.
- You may add cleaning solution to the Big Mop, but it may create wheel slippage.
- The ME770 Style with Big Mop is designed to clean hard surface floors including wood, tile, vinyl, linoleum and laminate. The ME770 Style cleans best on smooth hard surfaces and may not perform well on uneven tiles, heavily waxed floors or rough surfaces like slate or brick which can snag the cleaning cloth.

- **Do not use Hybrid and Vacuum Cleaning in a puddle of liquid. Please use only on dried spills or liquid residue. You can use Mop Cleaning for puddles of liquid.**
- **After cleaning, remove the Big Mop and the water from the water Tank and leave the cover open to dry the inside of the water Tank.**
- **A wet Big Mop may not be suitable for cleaning unsealed floors. Ask your flooring manufacturer or installer if you are unsure whether damp mopping is safe for your floor.**
- **ME770 Style is not intended to pick up large debris. Before cleaning with the ME770 Style, pick up large debris and check for gravel or sharp objects that could scratch the floor if captured under the cleaning pad.**

Before You Start

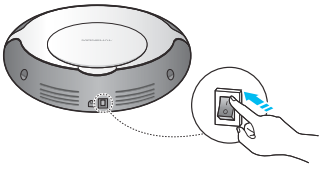
Check the following before you start the robot cleaner.

1. **Be careful not to break the robot cleaner when you pull the robot cleaner out of the box.**
   For information of installing the robot cleaner, see page 14.
2. **Check the location (L/R) of the brushes and install them.**
   For information on installing the brushes, see page 15.
3. **Pull the robot cleaner out and manually charge it first.**
   When you start the robot cleaner for the first time, it may not work, as the battery has probably been discharged. For information on manual charging, see page 17.
4. **Remove any obstacles on the floor.**
   Remove small objects, clothes, and fragile objects from the floor before cleaning. Fold up lengthy carpet/rug tassels or keep the robot cleaner away from them.
5. **If the dust bin is full, the cleaning performance will be reduced. Emptying the dust bin frequently is highly recommended.**
   For information on cleaning the dust bin, see page 37.
6. **If there is anything on cliff detection sensors or wheels, remove it.**
   This may cause failure or malfunction of the robot cleaner. For information on cleaning cliff detection sensors and wheels, see page 39.
7. **Children and seniors may be surprised at the sight of the robot cleaner in operation.**
   Please let children and seniors know about the operation of the robot cleaner.
8. **Be careful not to drop the robot cleaner from a high place.**
   Do not use the robot cleaner on a narrow and a high place such as a desk, table, etc. If shoes are placed side by side at the entrance to the living room, the robot cleaner may recognize them as the floor, which may cause falling.
9. **The robot cleaner cannot climb over a threshold higher than 1cm.**
10. **After charging is complete, keep the robot cleaner docked in the charger, or turn the power switch off which is located on the lower rear side of the robot cleaner.**

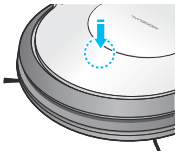
Starting & Stopping Cleaning

Starting Cleaning

1 • Turn the power switch on.

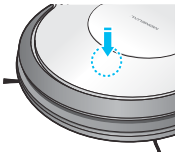


2



or

3

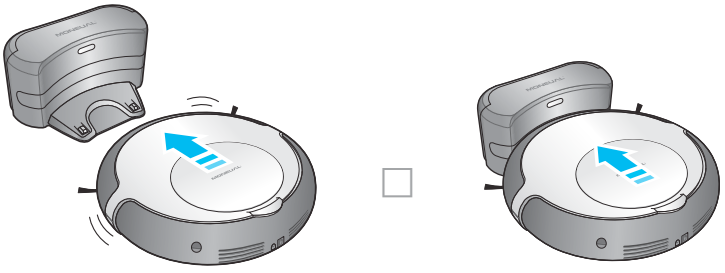


or

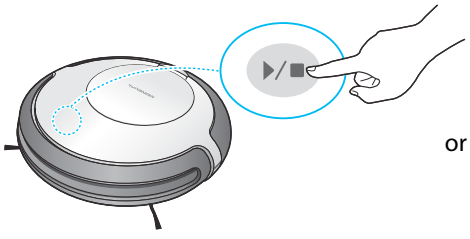
4 • If you are cleaning an area that is difficult to clean using auto cleaning mode, change to the proper cleaning mode.

Stopping Cleaning

After cleaning, the robot cleaner returns to the charger or stops on the spot according to the cleaning mode.



If you press the **Start/stop** (▶/■) button when the robot cleaner is operating, the cleaning will be stopped.

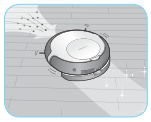


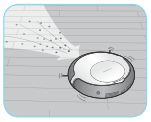
or

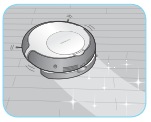
Changing the Cleaning Mode

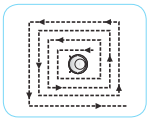
User can set the cleaning mode to match the cleaning environment.

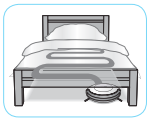
- Cleaning modes that you can select using the **Mode (M)** button on the robot cleaner:


Hybrid Cleaning

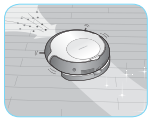

Vacuum Cleaning

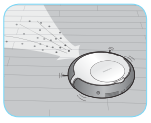

Mop Cleaning

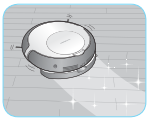

Intensive Cleaning

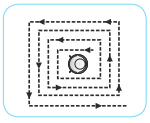

Shadow Cleaning

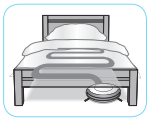
- Cleaning modes that you can select using the remote control:


Hybrid Cleaning

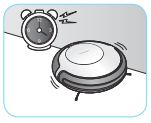

Vacuum Cleaning


Mop Cleaning


Intensive Cleaning


Shadow Cleaning

Manual Cleaning


Scheduled Cleaning

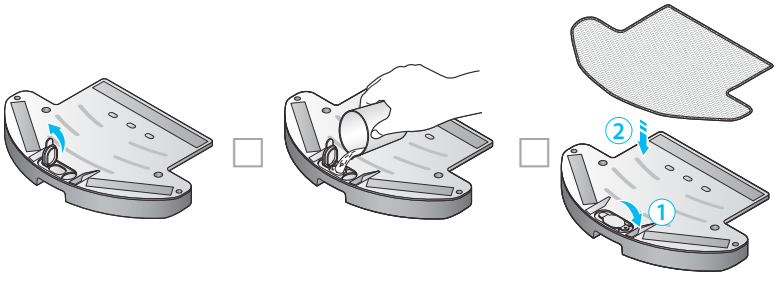
▸ **You can't change the cleaning mode during operation. Select the cleaning mode before starting the robot cleaner, or select it after stopping the robot cleaner by pressing the Start/stop (▶/■) button on the robot cleaner or the remote control, then selecting the cleaning mode.**

HYBRID Hybrid Cleaning

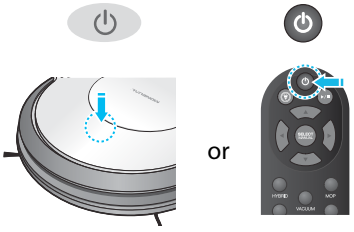
In Hybrid Cleaning, the robot cleaner performs the Vacuum Cleaning and Mop Cleaning at the same time.
Hybrid Cleaning offers a comprehensive floor care solution because of the use of the twin side brushes, the main brush, the BLDC suction, and the reusable microfiber Big Mop with the Water Supply Tank all together. The Hybrid Cleaning is recommended for comprehensive cleaning on your hard floors.

▸ **Please do not use Hybrid Cleaning mode on the carpet or rug because the carpet or rug can be damaged by the Hybrid Cleaning mode. Use Hybrid Cleaning mode only on the hard floor.**

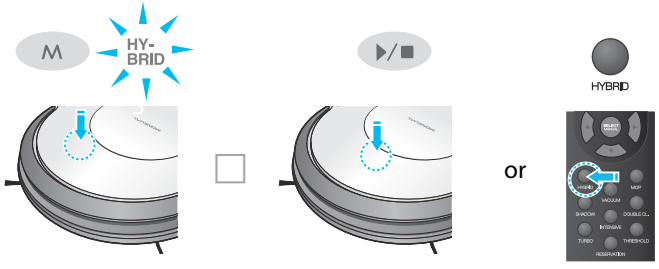
1 • Follow the directions on page 18 to attach the Big Mop with the Water Supply Tank.



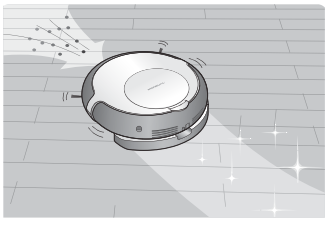
2 • Turn the main power button on.



3



4



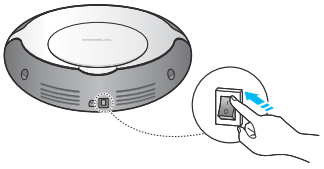
▸ **While in Hybrid Cleaning mode, you can also select Double Cleaning Option and Threshold (climb over) Option.**

▸ **To select these options, please refer to the pages that reference each.**

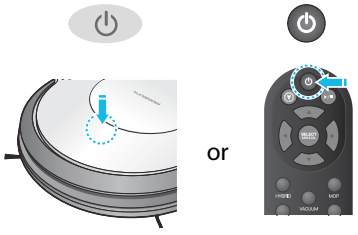
VACUUM Vacuum Cleaning

Vacuum cleaning is used where the needs are vacuum suction only without mop cleaning. It can be used on hard floor or carpet.

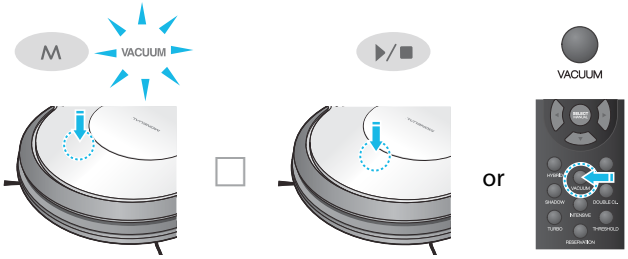
1 • Turn the system power switch on.



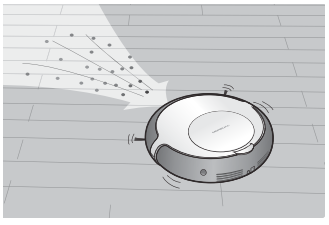
2 • Turn the main power button on.



3 • Select the Vacuum Cleaning with the **Mode** button on the Control Panel and press the **Start/Stop** button or just press the **Vacuum Cleaning** button on the remote control.



4

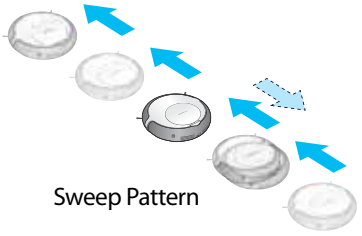


▸ **While in Vacuum Cleaning mode, you can also select Turbo option, Double Cleaning option and Threshold (climb over) option. To select these options, please refer to the pages that reference each.**

MOP Mop Cleaning

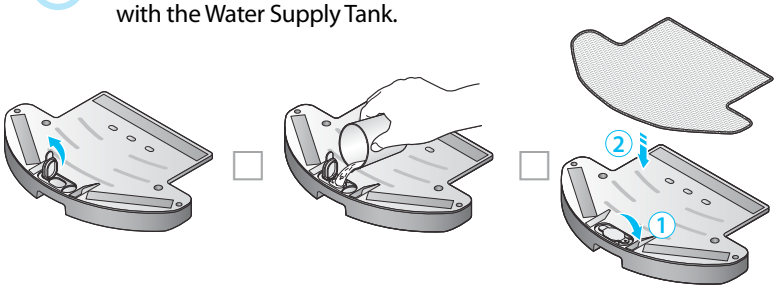
Mop Cleaning mode is used for when you need mopping only without vacuuming.

- **If Mop Cleaning mode is used on carpet or rug, the carpet or rug can be damaged. Therefore, please use the Mop Cleaning mode only on hard floor.**
- **For Big Mop with Water Supply Tank, we recommend moistening the Big Mop before attaching it for longer wet cleaning performance.**

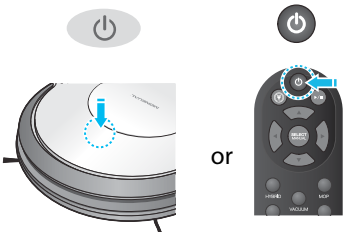


Sweep Pattern

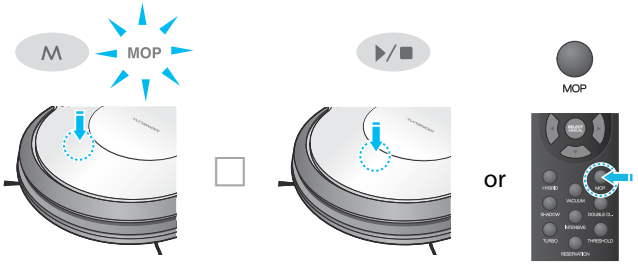
1 • Follow the directions on page 18 to attach the Big Mop with the Water Supply Tank.



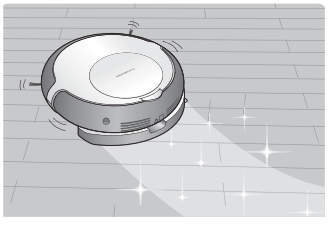
2 • Turn the main power button on.



3



4

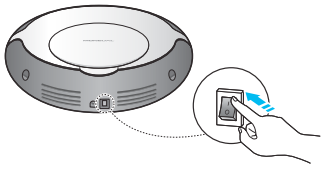


- **While in Mop Cleaning mode, you can also select Turbo option, Double Cleaning option and Threshold (climb over) option. To select these please refer to the pages that reference each.**

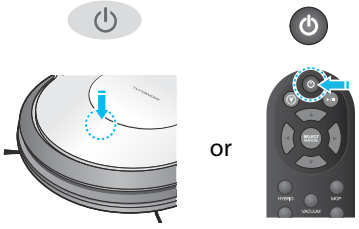
Intensive Cleaning

The robot cleaner intensively cleans the surrounding area relative to its current location.

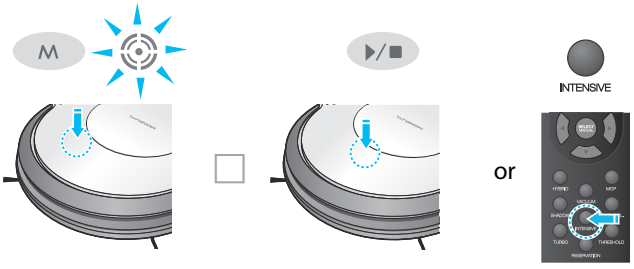
1 • Turn the power switch on.



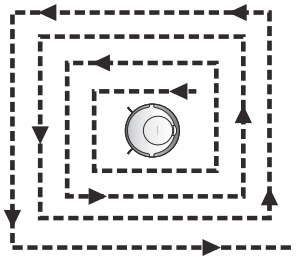
2



3



4



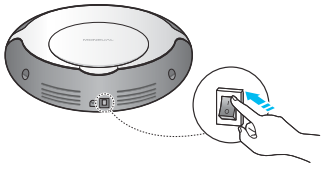
- **In Auto Cleaning mode, the robot cleaner stops on the spot after it has finished the cleaning.**
- **In the area in which there are many obstacles, the robot cleaner may not operate in normal cleaning modes.**

Shadow Cleaning

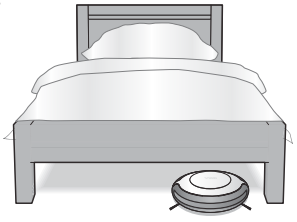
You can clean under your bed or furniture.

- To use shadow cleaning mode, turn the room light on. In a dark room, the robot cleaner can't detect the space under the bed or furniture.
- The robot cleaner moves to a place under the bed or furniture to start shadow cleaning. To reduce the time spent moving through the room, put the robot cleaner in front of the bed or furniture under which you want to perform shadow cleaning.

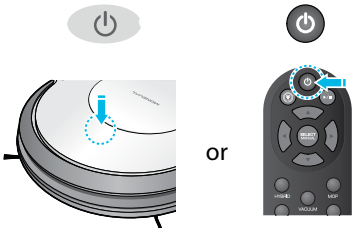
1 • Turn the power switch on.



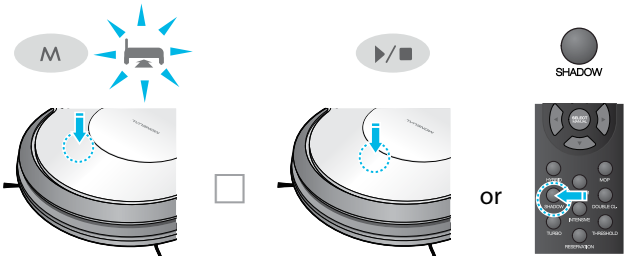
2 • Put the robot cleaner in front of a bed or furniture.



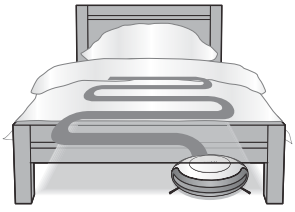
3



4



5

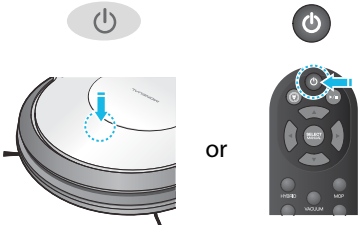


- When Shadow Cleaning is completed, the robot cleaner comes out under a furniture and stops.

Manual Cleaning

You can control the robot cleaner directly using the remote control.

1 • Stop the robot cleaner that is operating by pressing the **Start/stop** (▶/■) button.



2 • Press the **Manual** button on the remote control.
- Air suction will start in its current place.
- If you press the **Manual** button again, air suction will be stopped.

3 • By pressing direction keys on the remote control, you can move the robot cleaner where you want it to go.

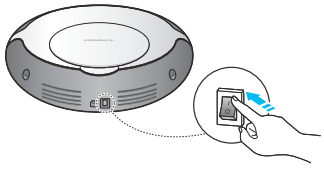
- **During charging, you can't move the robot cleaner manually.**
- **You can use this mode when you want to move the robot cleaner without air suction.**

Scheduled Cleaning (Reservation Cleaning)

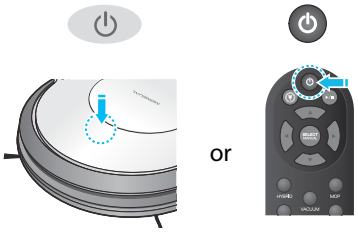
For daily efficient hands free cleaning, the robot cleaner provides 2 Reservation Cleaning modes. One starts cleaning after 1 hour from the time you set it and the other starts at the same time everyday.

- **Reservation Cleaning only works from the charging station after you set the Reservation Cleaning. You must put the robot cleaner on the charging station to begin at the scheduled time.**
- **You can only set the Reservation Cleaning mode using your remote control.**
- **If the robot cleaner is charging at the scheduled time, it will start the cleaning after finishing the charging.**
- **If the cleaning time is scheduled to '1 hour', your setting will be cleared after completing the '1 hour' scheduled cleaning.**

1 • Turn the system power switch on.



2 • Turn the main **power** button on.



3 • Press the Reservation mode either 1 hour or Daily by pressing the **Reservation** button on the remote control.

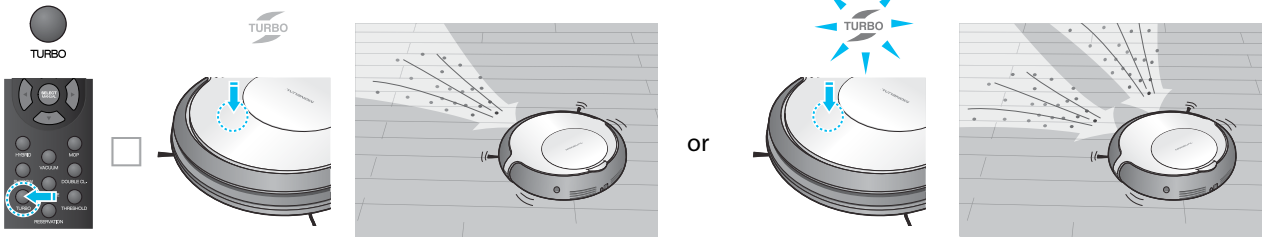
4 • Press the **Select** button to confirm the Reservation setting.

5 • The robot cleaner will be cleaning at the time of your Reservation setting.

Turbo Option

While you are using the Hybrid / Vacuum / Intensive / Shadow / Manual Cleaning, by pressing the **Turbo** button on the remote controller you can control suction power.

- **Turbo option is not available in Hybrid Cleaning mode and Mop Cleaning mode.**

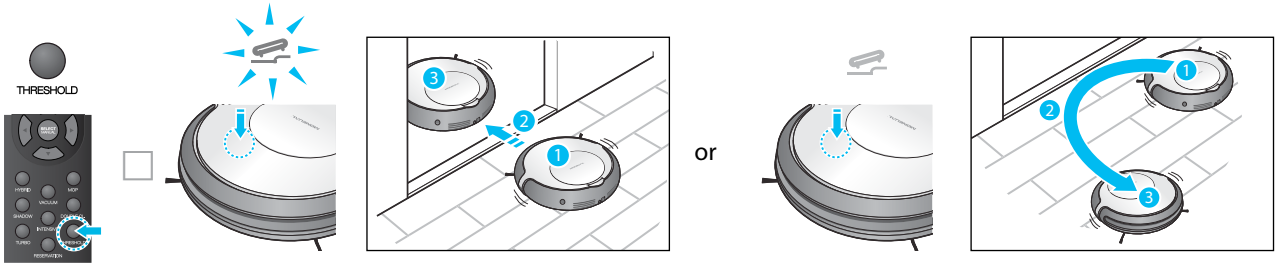


Power off　　Power on

Threshold Option

For less than a 1cm threshold height of threshold or carpet, rug and etc, the user is able to choose threshold climbing over ON/OFF option by the remote control.

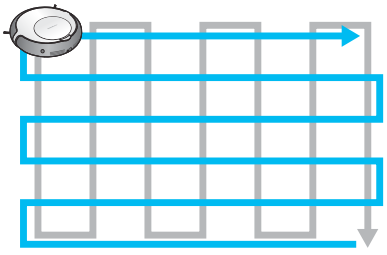
- **We recommend not to climb over while in Mop Cleaning mode and Hybrid Cleaning mode due to the Big Mop with the Water Supply System.**
- **We also recommend that you select the Threshold option (climb over) ON while in Vacuum Cleaning mode.**
- **Factory default is set to not climb over for Hybrid, Vacuum and Mop Cleaning mode.**



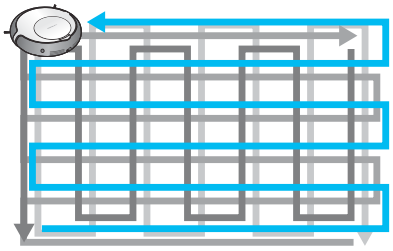
Power on　　Climbing over Threshold　　Power off　　Not climbing over Threshold

Double Deep Cleaning Option

The Double Deep Cleaning Option performs 2 cleaning sessions of the vertical pattern overlapped by the horizontal pattern.



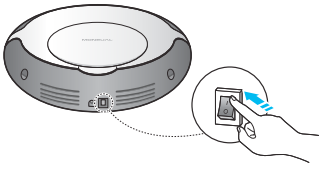
Deep Cleaning Pattern
Vertical pattern overlapped by the horizontal pattern



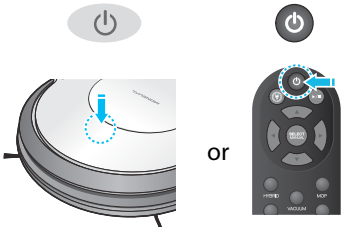
Double Deep Cleaning Option
Performs 2 cleaning sessions of the vertical pattern overlapped by the horizontal pattern.

▸ **The factory default is set to Deep Cleaning Pattern in Hybrid / Vacuum / Mop / Shadow Cleaning modes.**

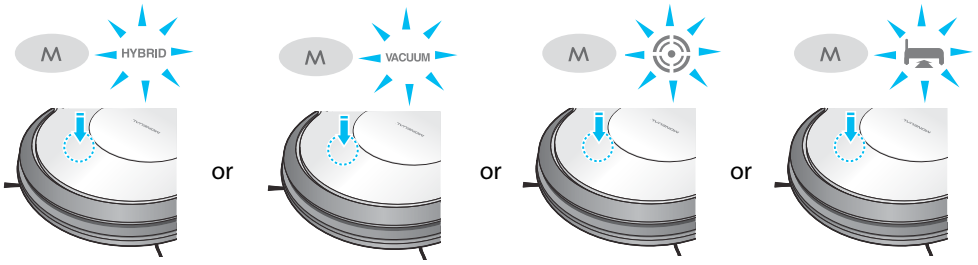
1 • Turn the system power switch on.



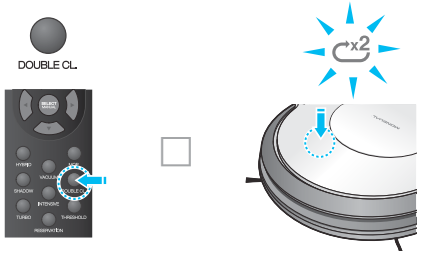
2 • Turn the main **power** button on.



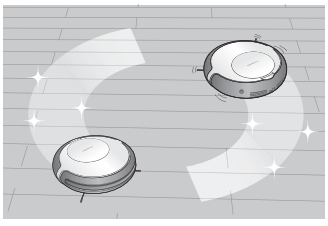
3 • Select any one of Hybrid / Vacuum / Mop / Shadow Cleaning. To learn how to select these options, you may refer to the relevant sections on the User Manual.



4 • Press the **Double CL** button on the remote control. The Double Deep Cleaning Option indicator is now turned on.



5 • The robot cleaner will perform 2 cleaning sessions of the vertical pattern overlapped by the horizontal pattern.

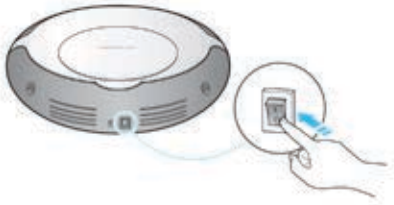


▸ **Double Deep Cleaning option is available for Hybrid Cleaning, Mop Cleaning, Vacuum Cleaning and Shadow Cleaning modes. Double Deep Cleaning option is not available in Scheduled Cleaning, Intensive Cleaning, and Manual Cleaning modes.**

Language Setting

▸ **You can select a language for voice guidance from the ones available in the system.**

1

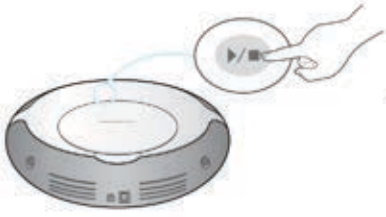


Turn the power switch off and then turn the power switch on.

2

Press and hold the Mode button, until the device switches on. You will hear a sentence in a different language.

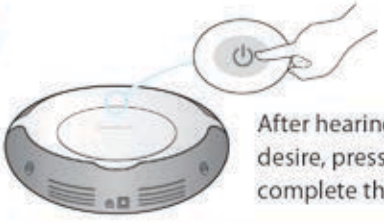
3



Keep pressing the **Start/stop** button until you have reached the language you desire.

Whenever you press the **Start/stop** button, you will hear the following sentence in a different language.
- "Starting automatic cleaning."
- "Cleaning is canceled."

4



After hearing the language you desire, press the **power** button to complete the language setting.

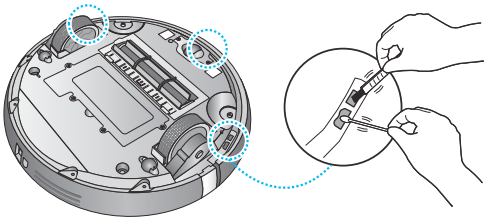
▸ **Depending on the model, supported languages may vary.**

Language	English	German	French	Italian	Spanish
No.	1	2	3	4	5

Cleaning Sensors and Wheels

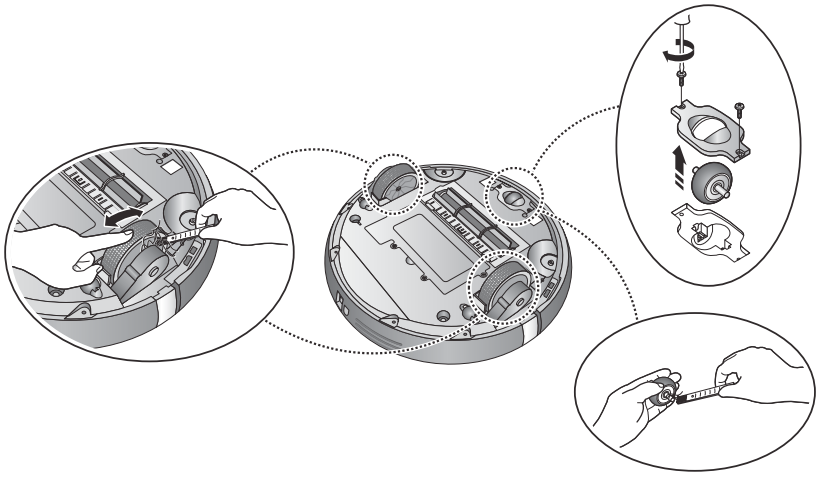
Cleaning Sensors

- Clean (blow or wipe) the three sensors with the included cleaning brush or a cotton swab.
  - If sensors are severely contaminated, wipe with a moistened cotton swab.
  - Do not wipe directly with water, and do not use benzene or alcohol to clean sensors.



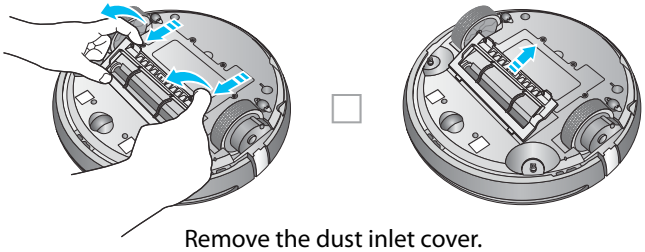
Cleaning Wheels

- Clean wheels using the brush.
  - To clean the front wheel, remove the screws and remove the wheel, and clean it with the brush.
  - To clean the two main wheels, clean them with the brush while rotating slightly by hand.
  - Remove foreign objects such as hair that obstruct the wheel's operation.



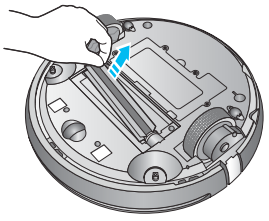
Cleaning the Dust Inlet

1



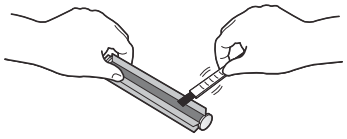
Remove the dust inlet cover.

2



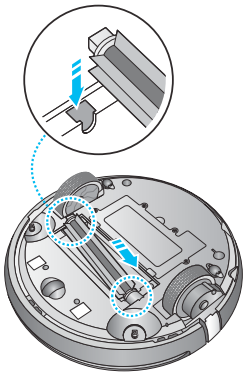
Remove the main brush.

3



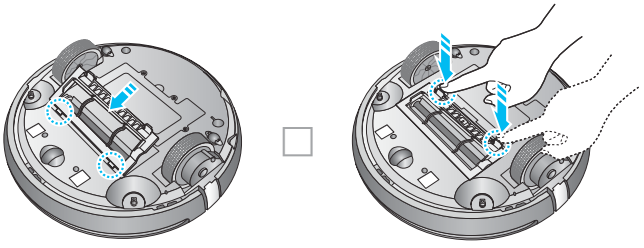
Clean the removed main brush with the cleaning brush.

4



Check the groove's shape and insert the main brush into the fixing hole, and then secure the wing of the fixing pin to the fixing pin.

5



To reinstall the dust inlet cover, insert the 2 tips to the matching holes on the robot cleaner.

Using and Managing the Battery

The battery is a consumable item. The more you use the battery, the shorter the battery's lifetime.

Battery Lifetime

- We guarantee 6 months of use in a normal environment.
- Always charge the battery for the best use experience.
- The battery lifetime may vary depending on the use environment.

Charging Battery

- If you are using the robot cleaner for the first time, please fully charge the battery first.
- It takes about 1 hour to charge the battery fully. (For 2800mAh battery models, it takes about 2 hours.)

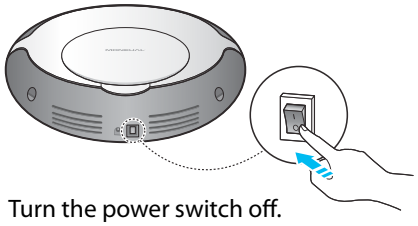
To Extend Battery Life

- If you don't intend to use the robot cleaner for an extended period of time, turn off the power switch after charging the battery fully.
- Clean the dust inlet, dust bin, main brush, and side brushes frequently. If you use the robot cleaner with the dust bin full, the rotation of the internal motor will be increased, which may shorten the battery lifetime.
- Always use the robot cleaner after charging.
- Do not use the robot cleaner in a place where it will be exposed to direct sunlight or near the heating source.

Battery Replacement

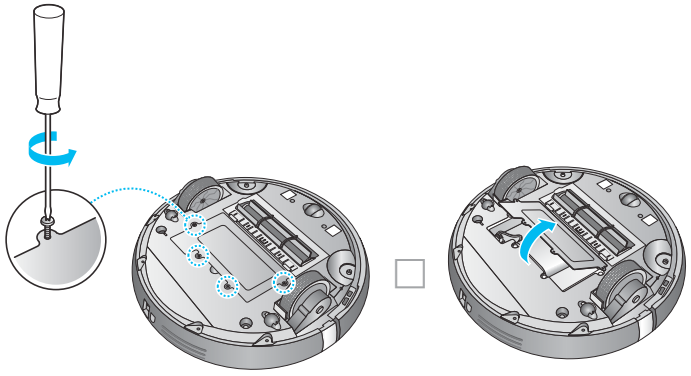
- If you notice that the operating time has been significantly reduced, you may need to replace the battery.
- You must use a battery that is manufactured by Moneual.
- Remove the battery from the robot cleaner when the system power is off.
- Dispose of your old batteries according to the local laws and regulations of your region.
  To purchase an extra battery, please contact our customer service.
- If it is difficult to replace the battery by yourself, please contact our customer service.

1



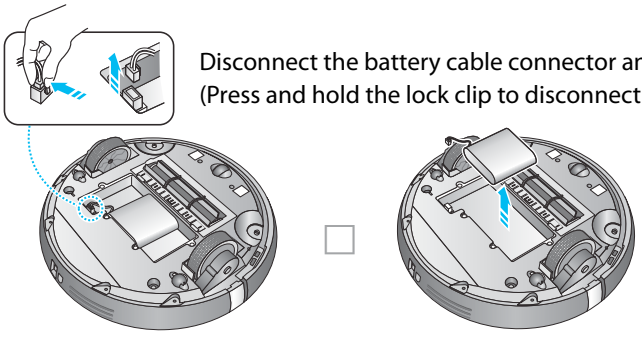
Turn the power switch off.

2



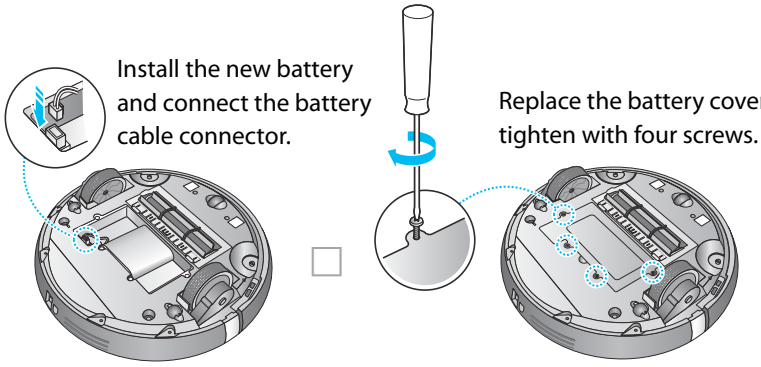
Remove four screws and remove the battery cover.

3



Disconnect the battery cable connector and remove the battery.
(Press and hold the lock clip to disconnect the battery cable connector.)

4


Install the new battery and connect the battery cable connector.
Replace the battery cover and tighten with four screws.

Battery Handling and Safety Information

- If you leave the fully discharged battery for a long time, the battery may become damaged and you may not be able to use it.
- If you use a battery other than Moneual's for use with the robot cleaner or the battery may be damaged.
- Remove the battery before disposing of the robot cleaner.